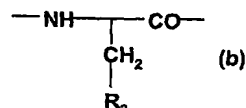
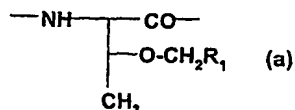


Claims

1. A pharmaceutical composition for parenteral administration comprising a somatostatin analogue comprising the amino acid sequence of formula I



wherein X_1 is a radical of formula (a) or (b)



wherein R_1 is optionally substituted phenyl,

R_2 is $-\text{Z}_1-\text{CH}_2-\text{R}_1$, $-\text{CH}_2-\text{CO}-\text{O}-\text{CH}_2-\text{R}_1$,

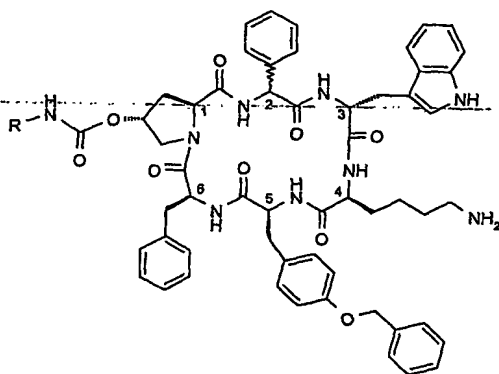


wherein Z_1 is O or S, and

X_2 is an α -amino acid having an aromatic residue on the C_α side chain, or an amino acid unit selected from Dab, Dpr, Dpm, His, (Bzl)HyPro, thienyl-Ala, cyclohexyl-Ala and t-butyl-Ala, the residue Lys of said sequence corresponding to the residue Lys⁹ of the native somatostatin-14

in free form, salt form, or protected form and tartaric acid.

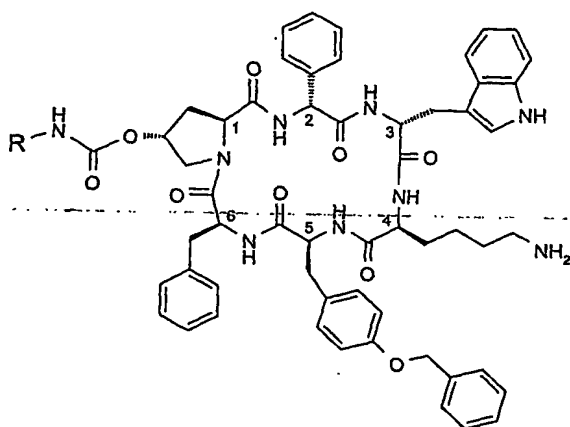
2. A composition according to claim 1 wherein the somatostatin analogue is a compound of formula II



wherein the configuration at C-2 is (R) or (S) or a mixture thereof, and

wherein R is $\text{NR}_1\text{R}_2\text{-C}_{2-6}\text{alkylene}$ or $\text{guanidine-C}_{2-6}\text{alkylene}$, and each of R_1 and R_2 independently is H or $\text{C}_{1-4}\text{alkyl}$,
in free form, salt form or protected form.

3. A composition according to claim 1 or 2 wherein the compound of the somatostatin analogue is in aspartate di-salt form.
4. A composition according to any preceding claim wherein the composition is adjusted to a pH of about 4 to about 4.5.
5. A composition for parenteral administration buffered at a pH of about 4 to about 4.5 and comprising as active ingredient $\text{cyclo}[\{4\text{-(NH}_2\text{-C}_2\text{H}_4\text{-NH-CO-O-)}\text{Pro}\}\text{-Phg-DTrp-Lys-Tyr(4-Bzl)-Phe}]$ or a pharmaceutically acceptable salt thereof.
6. A composition according to claim 5 wherein the composition is buffered by an acetate/acetic acid, lactate/ lactic acid, or Glycin / HCl buffer.
7. Use of a pharmaceutical composition according to any one of claims 1 to 6 for the preparation of a medicament for acromegaly or cancer.
8. Use according to claim 6 for the preparation of a medicament for Cushing's Disease.
9. A method of treating acromegaly or cancer in a subject in need thereof which comprises administering a pharmaceutical composition according to any one of claims 1 to 7 to the subject.
10. A compound of formula III



wherein R is $\text{NR}_1\text{R}_2\text{-C}_{2-6}\text{alkylene}$ or $\text{guanidine-C}_{2-6}\text{alkylene}$, and each of R_1 and R_2 independently is H or $\text{C}_{1-4}\text{alkyl}$,

in free form, in salt form or complex form, or in protected form, e.g. cyclo[{4-(NH₂-C₂H₄-NH-CO-O-)Pro}-DPhg-DTrp-Lys-Tyr(4-Bzl)-Phe].